

L3 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1990:538305 CAPLUS

DN 113:138305

TI Purification of jojoba oil for manufacturing cosmetic and pharmaceutical bases

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SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 02053896	A2	19900222	JP 1988-203151	19880817

PRAI JP 1988-203151

19880817

AB A low b.p. hydrocarbon solution of **jojoba** oil is purified using a column containing **activated carbon** or activated alumina in combination with a water-insol. cation exchanger. The **jojoba** oil is suitable for manufacturing cosmetics and pharmaceuticals. Thus, 50 g **jojoba** oil was dissolved in 30 mL hexane and passed through a glass column (30 mm in diameter, 60 cm length) containing a mixture of acid-form insol. cation exchanger resin and activated alumina (80:20 by weight) and eluted with hexane. The solvent in the eluate was evaporated to give 46.8 g purified oil.